

KOCHERGIN, A.S.

Contactless converters. Avtom.telem. i svias' 3 no.12:39
D '59. (MIRA 13:4)

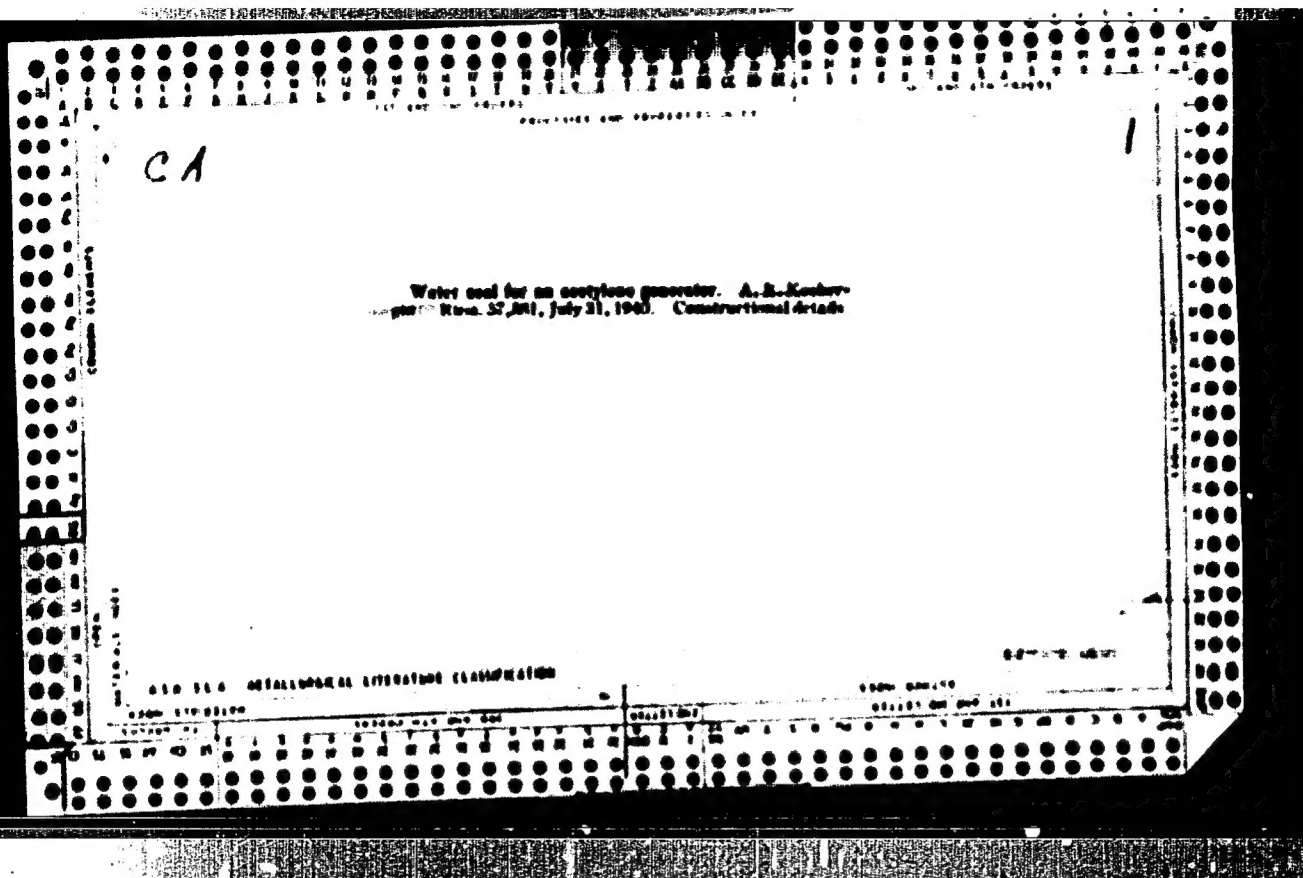
1. Nachal'nik laboratorii Losinostrovskogo elektrotekhnicheskogo
savoda imeni F.E.Dzerzhinskogo.
(Electric current converter)

KOCHERGIN, A.S., insh.

An AVU-60-type automatic ringing device. Avtom., telem. i svias'
7 no.1:11-12 Ja '63. (MIRA 16:2)
(Telephone—Equipment and supplies)

The relation between the exchange capacity of acids and the reaction of the medium. A. P. Kiselev. *Journal of Physical Chemistry*, 1957, 31, 10, 1911-1914. (U.S.S.R.)

From a study of a series of acids, the results have been obtained that, in a solution of a weak acid, the exchange capacity of the acid is proportional to the concentration of the acid. It was found that the exchange capacity of the acid is proportional to the concentration of the acid. The results of the study are in good agreement with the data of other authors.



CA

15

The importance of fertilizing in the production of high and
stable yields of winter wheat in Illinois. A. A. Czerwinski,
O. A. Czerwinski, and E. I. Shubert (Research Inst.
for Cereal Crops, U.S. Dept. of Agriculture). Agronomy 1944, 37-
100; Chem. Abstr. 1945, 397-8. Winter wheat often suffers
as a result of N and P deficiencies in the top soil. Expts.
with various specific fertilizing procedures are reported.
M. G. Moore

25015 OCTUBROVA, O. A. I KOCHERGIN, A. E. Prichiny nizkogo flotirovaniya podjark-
otnogo slova priirtyshskogo Chernozera I put'i ikh usttraneniya (Osnovnyye vyvody)
Trudy Yubileynoy Sessii, Posuyashch. Stoletiya So inya Rozhdeniya Dokuchayeva
M. - L., 1949, 3. 319-20

50: Letopis', No. 33, 1949

ct

10

The application of granulated fertilizers on the chernozems
of Siberia. A. K. Kozlov and I. A. Cherenkov. (Sov.
Sci. Tech. Inform., 1961, Zvezdnykh kholod. Sov.
Soyuz, No. 12, 25-26, 1961). -Fertilizer tests with dif-
ferent crops show that granulated phosphates have increased
slightly the P content of the crops. 1-4 tabs.

Effect of coarse granules of compost and superphosphate on
glutathione reductase activity in soil. The results of the
study showed that the activity of glutathione reductase in soil
granules was more persistent than that of fine particles. The total
activity was high in soil granules rich in available P which was due to
the organic particles. Therefore, and high amount of P and water,
can be produced by including appropriate salts in the granules.
Sims & Ferr. (A. G. P.)

KOCHERGIN, A.E.

Sidedressing with nitrogen of winter grains on chernozem in Siberia.
Doklady Vsesoyuz. Akad. Sel'sko-Khoz. Nauk im. V.I. Lenina 18, No.2,
24-9 '53. (MLA 6:3)
(CA 47 no.14:7143 '53)

ROCHERGIN, A. E.

12091* (1)
Effectiveness of Compost Fertilizers on Cereals
of Spuria. Effectiveness of kompostnykh udobrenii na zern-
nykh kulturekh. A. E. Rochergin, A. I. Krasnitskiy, and A. A.
Nikitina. Dnepropetrovsk Natsionalnyi Universitet, 1950, no. 4, Apr., 51-55.
Muck, manure, and superphosphate tested on summer wheat
with different preparation. Tables.

KOCHERGIN, A. (E.)

Battelle Technical Review
July 1954
Agriculture

①
9126* Fertilizing Winter Crops. (Russian) A. Kochergin.
Kokhonnos Proizvodstvo, v. 14, no. 2, Feb. 1954, p. 24-25.
Advantages of mineral and organic fertilizers applied in the
spring.

USSR / Cultivated Plants, Grains. CIA-RDP86-00513R000723510004-9"
APPROVED FOR RELEASE: 09/18/2001
Abs Jour: Ref Zhur-Biol., No 6, 1958, 24967

Author : Kochergin, A. Ye.
Inst : The Siberian S.R.I. of Agriculture
Title : The Use of Mineral Fertilizers for Grain Crops on
Siberian Chernozem Soils

Orig Pub: Zemledeliye, 1956, No 11, 34-41

Abstract: Data is given which was collected by the Siberian Scientific Research Institute of Agriculture and experimental institutions of the chernozem soil zone of Siberia on the effect of mineral fertilizers on the summer wheat yield. A large quantity of nitrates accumulates on the chernozem soils during the period of fallowing. Phosphorus fertilizers are most effective when planting on the fallows and during the early fall plowing, and phos-

Card 1/2

Card Agric Sci

Kochergin - H.Y.
 APANAS'YENVA, A.L., kand.biol.nauk; BAYERTUTYV, A.A., kand.sel'skokhozyaystvennykh nauk; BAL'CHUGOV, A.V., kand.sel'skokhozyaystvennykh nauk; BILLOZEROVA, M.A., agronom; BILLOZEROV, A.T., kand.sel'skokhozyaystvennykh nauk; MAKSIMENKO, V.P., agronom; BERNIKOV, V.V., doktor sel'skokhozyaystvennykh nauk; BOGOMYAGKOV, S.T., kand.sel'skokhozyaystvennykh nauk; VOLYNETS, O.S., agronom; BOBROV, M.S., kand.sel'skokhozyaystvennykh nauk; BOGOSLAVSKIY, V.P., kand.tekhn.nauk; KHRUPPA, I.P., kand.tekhn.nauk; VERNER, A.R., doktor biol.nauk; VOZBUTSKAYA, A.Ye., kand.sel'skokhozyaystvennykh nauk; VOINOV, P.A., kand.sel'skokhozyaystvennykh nauk; VYSOKOS, O.P., kand.biol.nauk; GARDIN, M.V., inzhener-mekhanik; GIBASIMOV, S.A., kand.tekhn.nauk; GORSHENIN, K.P., doktor sel'skokhozyaystvennykh nauk; YELISEY, A.V., inzhener-mekhanik; GIBASKEVICH, S.V., mekhanik (deceased); ZHARIKOVA, L.D., kand.sel'skokhozyaystvennykh nauk; ZHIGALOV, I.S., kand.tekhn.nauk; ZININA, Ye.A., agronom; BARANOV, V.V., kand.tekhn.nauk; PAVLOV, V.D.; IVANOV, V.K., kand.sel'skokhozyaystvennykh nauk; KAPLAN, S.M., kand.sel'skokhozyaystvennykh nauk; KATIN-YARTSEV, L.V., kand.sel'skokhozyaystvennykh nauk; KOPTIN, V.I., doktor sel'skokhozyaystvennykh nauk; KOCHERGIN, A.Ye., kand.sel'skokhozyaystvennykh nauk; KOZHMVNIKOV, A.R., kand.sel'skokhozyaystvennykh nauk; KUZNETSOV, I.M., kand.sel'skokhozyaystvennykh nauk; LAMBIN, A.Z., doktor biol.nauk; LEONT'YEV, S.I., kand.sel'skokhozyaystvennykh nauk; MAYBORODA, M.M., kand.sel'skokhozyaystvennykh nauk; MAKAROVA, O.I., kand.sel'skokhozyaystvennykh nauk; MEL'NIKOV, O.A., inzhener; ZHDANOV, B.A., kand.sel'skokhozyaystvennykh nauk; MIKHAYLENKO, M.A., kand.sel'skokhozyaystvennykh nauk; MAOILYVTSEVA, M.A., kand.sel'skokhozyaystvennykh nauk;

(Continued on next card)

AYANAS'YNA, A.L.... (continued) Card 2.

NIKIFOROV, P.Ye., kand.sel'skokhoyaystvennykh nauk; MEKASHEN, N.I.,
lesovod; PERVUSHINA, A.M., agronom; PLOFNIKOV, N.A., kand.biol.nauk;
L.G.; kand.sel'skokhoyaystvennykh nauk; PAVLOV, V.D., kand.tekhn.
nauk; PRUTSKOVA, M.O., kand.sel'skokhoyaystvennykh nauk; GURCHENKO,
V.S., agronom; POPOVA, G.I., kand. sel'skokhoyaystvennykh nauk;
PORTYANKO, A.F., agronom; RUCHKIN, V.N., prof.; RUSHKOVSKIY, T.V.,
agronom; SAVITSKIY, M.S., kand.sel'skokhoyaystvennykh nauk; BOLDIN,
D.T., agronom; KESTEROVA, A.V., agronom; SERAFIMOVICH, L.S., kand.
tekhn.nauk; SMIRNOV, I.N., kand.sel'skokhoyaystvennykh nauk;
SEREBRYANSKAYA, P.I., kand.tekhn.nauk; TOKHTUYEV, A.V., kand. sel'sko-
khoyaystvennykh nauk; FAL'KO, O.S., isnh.; FMDYUSHIN, A.V., doktor
biol.nauk; SHIVLYAGIN, A.I., kand.sel'skokhoyaystvennykh nauk;
YUFEROV, V.A., kand.sel'skokhoyaystvennykh nauk; YAKHTENKEL'D, P.A.,
kand.sel'skokhoyaystvennykh nauk; SEMENOVSKIY, A.A., red.; OOR'KOVA,
Z.D., tekhn.red.

[Handbook for Siberian agriculturists] Spravochnaya kniga agronomov
Sibiri. Moskva, Gos. izd-vo sel'khoz. lit-ry. Vol.1. 1957. 964 p.
(Siberia--Agriculture) (MIRA 11:2)

Country : USSR

Category: Soil Science. Mineral Fertilizers.

J

Abs Jour: RZhBiol , No 18, 1958, No 82109

Author : Kochergin, A. Ye.; Ostroumov, O.A.

Inst : ~~USSR Academy of Sciences~~

Title : The Effect of Organic and Mineral Fertilizers on Soils of Siberia (Summary of Works of Experimental Institutions of Siberia on the Study of Fertilization)

Orig Pub: Udobren ya i urozhay, 1957, No 8, 8-15

Abstract: Results are presented of experiments made by the Siberian Agricultural Institute and other experimental stations showing the high effectiveness in Siberian soils of composts of semi-rotted manure with phosphorite fertilizer and P_c , which was especially prepared and

Card : 1/2

• APPROVED FOR RELEASE: 09/18/2001

CIA-RDP86-00513R000723510004-9"

Country : USSR

Category: Soil Science. Mineral Fertilizers.

J

Abs Jour: RZhBiol , No 18, 1958, No 82109

added with the fall peat-manure composts in the proportion of manure to peat of 1:1 - 1:7, composts of peat with mineral fertilizer, and peat vivianite. The harvest of grains planted in the busy season, at a later plowing, and the beds of perennial grasses of the fall plowing was increased by the mineral fertilizers of N. Phosphorus increased the crop of grains on chernozem, solonetz, and podzolic soils, but the potassium only on the black earth type of podzolic soils and also the harvest of sugar beets on clean chernozem fallow. P_c gave the best results in doses of 60-70 centner in 1 hectare with deep embedding and also when applied to the rows in doses of 50-100 kg in 1 hectare. -- N.N. Solodov

Card : 2/2

KOCHERGIN, Aleksy Yefimovich; KOVAL'CHUK, Aleksey Maksimovich;
PETROV, I.F., red.; MEL'NIKOV, V.I., tekhn. red.

[Fertilizing soils of the non-Chernozem zone]Udobrenie
pochv nechernozemnoi zony. Omsk, Omskoe knizhnoe izd-vo,
1960. 63 p. (MIRA 15:10)
(Omsk Province--Fertilizers and manures)

KOCHERGIN, A.Ye., kand.sel'skokhozyaystvennykh nauk

How to fertilize and when to sow spring wheat in Siberia.

Zemledelie 23 no.3:76-82 Mr '61,

(MIRA 14:3)

1. Sibirskiy ordena Trudovogo Krasnogo Znameni nauchno-
issledovatel'skiy institut sel'skogo khozyaystva.
(Siberia—Wheat)

KUCHENGIN, A.Ye., land. sel'skokhoz. nauk

Determining nitrogen fertilizer requirements of grain crops in
Chernozem soils of Western Siberia. Dokl. Akad. sel'skhoz. nauk
no.2:5-6 P '65. (MIRA 18:5)

1. Sibirskiy, nauchno-issledovatel'skiy institut sel'skogo
khozyaystva.

TROFIMOV, S.S., kand. sel'khoz.nauk, st. nauchn. sotr.; BRYLEV, V.K.; KOCHERGIN, A.Ye., kand. sel'khoz. nauk; KUZNETSOVA, L.Z.; KORLYAKOV, V.I., kand. sel'khoz. nauk, st. nauchn. sotr.; KOSTROMITIN, V.B.; MIKHAYLOV, M.I.; POPOV, P.D., red.

[Soils of the Kuznetak Basin, a map as the face of a field, laboratory of fertility, vitamins of the earth, protectors of crops, enrichment of feed] Pechvy Kuzbassa, karta - litso polei, laboratorii plodorodiia, vitaminy zemli, zaschitniki pesevov, obogashchenie korma. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1964. 92 p. (MIRA 18:5)

1. Biologicheskii institut Sibirskogo otdeleniya AN SSSR (for Trofimov). 2. Zaveduyushchii laboratoriyey zaschity rasteniy Kemerovskoy sel'skokhozyaystvennoy opytной stantsii (for Kostromitin). 3. Zaveduyushchii otdelom shivotnovodstva Kemerovskoy sel'skokhozyaystvennoy opytной stantsii (for Mikhaylov). 4. Zaveduyushchii agrokhimicheskoy laboratoriyey Sibirskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva (for Kochergin). 5. Zaveduyushchaya agrokhimicheskoy laboratoriyey Kemerovskoy sel'skokhozyaystvennoy opytной stantsii (for Kuznetsova). 6. Kemerovskaya sel'skokhozyaystvennaya opytная stantsiya (for Korlyakov).

KOCHERGIN, D. A.

20.

M. A.

The Welding of Pressure Vessels made from Sheet Aluminium Alloy AMTs D. A. Litvinov and D. A. Kochergin (Avtog. Delo, 1949, (3), 6-8).-- (In Russian). L. and K. carried out an extensive investigation of welding articles from the aluminium alloy AMTs of thickness 18-25 mm. and obtained the necessary data for fabricating welded thick-walled pressure vessels. Tables are given of the mechanical properties of the welded metal, showing comparisons between gas-and arc-welding, between two different types of welding-rod material (AK and AMTs), and also between the longitudinal and transverse properties of the weld seam. X-ray and hydraulic testing of the vessels after welding showed the results being entirely satisfactory.--W.J.K.

Kochergin, D. A.

AUTHOR: Kochergin, D.A., Engineer

135-58-4-11/19

TITLE: Shielded Arc Cutting of Aluminum by a Tungsten Electrode
("ugovaya reska alyuminiya vol'framovym elektrodom v srede
sashchitnykh gasov)

PERIODICAL: Svarochnoye Proizvodstvo, 1958, Nr 4, pp 34-36 (USSR)

ABSTRACT: In 1956, the NIAT Welding Laboratory carried out experiments in the process named in the title and developed the special torch, described and illustrated in this article. A converter of the "PS-500" type with 90 v idle-run voltage of the generator was used as a power source. The results of tests were satisfactory. The information includes a description and photograph of the welding tractor ArDS-400-2. There are 5 figures.

AVAILABLE: Library of Congress

Card 1/1

KOCHERGIN, F.V.; POLESICHUK, Yu.M.

Millet in the Central Chernozem Region. Zemledelie 25 no.5;
60-62 My '63. (MIRA 16:7)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva
TSentral'no-chernozemnoy polosy imeni V.V.Dokuchayeva.
(Central Chernozem Region--Millet)

SKACHKOV, I.A.; YELAGIN, I.N.; KOCHERGIN, F.V.; POLESHCHUK,
Yu.M.; BOLDYREV, M.D.; MOKSHIN, P.N.; GOMENTUK, L.I.,
red.

[Millet production on leading farms] Proizvodstvo prosa
v peredovykh khoziaistvakh. Moskva, Kolos, 1965. 134 p.
(MIRA 18:7)

1. Direktor Nauchno-issledovatel'skogo instituta sel'skogo
khozyaystva tsentral'no-chernozemnoy polosy im. V.V.Doku-
chayeva (for Skachkov). 2. Glavnyy spetsialist po zerno-
bobovym i krupyanym kul'turam Ministerstva sel'skogo
khozyaystva SSSR (for Yelagin). 3. Nauchno-issledovatel'-
skiy institut sel'skogo khozyaystva tsentral'no-
chernozemnoy polosy im. V.V.Dokuchayeva (for Kochergin,
Poleshchuk, Boldyrev, Mokshin).

**KOCHERGIN, G.; CHEREMNYKH, M.; KONONTSEV, I.; MALIOVANOV, D.; MALEVICH, N.;
RATS, A.; LESIK, M.; KHOHLLOVKIN, D.; FEDOTOV, A.**

Remarks on the book "Machines and equipment in mining." Vol. 1. "Mining equipment." F.G.Boiko and others. Reviewed by G.Kochergin, M.Chernomykh, I.Konontsev, D.Maliovanov, N.Malevich, A.Rats, M.Lesik, D.Khokhlovkin, A.Fedotov. Ugol' 29 no.11:46-48 '54. (MIRA 7:11)

1. Glavnyy mekhanik Upravleniya po stroitel'stva shakht v Donbasse Ministerstva ugol'noy promyshlennosti SSSR (for Kochergin). 2. Glavnyy konstruktor Glavstroyekhnizatsii (for Chernomykh). 3. Nachal'nik otdela novykh mashin GUKM (for Konontsev). 4. Direktor instituta Giproskhakhtostroy mash (for Maliovanov). 5. Glavnyy inzhener Giproskhakhtostroy masha (for Malevich). 6. Nachal'nik otdelov Giproskhakhtostroy masha (for Rats, Lesik & Khokhlovkin). 7. Glavnyy konstruktor Giproskhakhtostroy masha (for Fedotov).

(Coal--Mining machinery) (Boiko, F.G.)

KOCHERGIN, G.N., gornyy inzhener; SEMIVOLOV, V.G., gornyy inzhener

Hydraulic rock hoisting in the "Iushnaia" Mine. Ugol' 36
no.11:39-40 N '61. (MIRA 14:11)
(Donets Basin--Mine hoisting--Hydraulic equipment)

KOCHERGIN, I., Director

Kolomen Veterinarno-Bacteriological Lab.

"Use of DDT in the fight against gadfly of cattle."

SO: Vet. 27 (2) 1950, p. 35

KOCHERGIN, I.

Subsoil plowing is an effective cultivation practice. Zenedelle
23 no.10:78-79 0 '61. (MIRA 14:9)

(Plowing)

KOCHERGIN, I.A.

Structural control of the magnetic mineralisation in the Turgay
trough. Izv. AN Kazakh. SSR, Ser. geol. no.1:3-14 '61.

(MIRA 14:6)

(Kustanay Province—Magnetite)

~KOCHEROIN, I.A.

Lithological control of magnetite mineralization in the Sokolovskaya-Sarbay deposits. Izv. AN Kazakh. SSR Ser.geol. no.2:90-96 '62.
(MIRA 15:6)

(Turgay gates--Magnetite)

KOCHERGIN, I.F.

Nikolai Vasil'evich Sklifosovskii. Nauka i shizn' 21 no.12:35-36
D '54. (MLBA 8:1)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(Sklifosovskii, Nikolai Vasil'evich, 1836-1904)

GIRGOLAV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva);
 BABCHIN, I.S., professor (Leningrad); BAKULEV, A.N., professor
 (Moskva); BIKERMAN, L.S., dotsent (Leningrad); VAYNSHTEYN, V.G.,
 professor (Leningrad); GERTSBERG, V.G., professor (Kazan');
 GINZBERG, M.M., professor (Moskva) [deceased]; GUTLIB, Ya.G.,
 professor (Moskva); DZHANELIDZE, Yu.Yu., professor (Leningrad);
 DRACHINSKAYA, Ye.S., dotsent (Leningrad); YELANSKIY, N.N., professor
 (Leningrad); KORNEV, P.G., professor (Leningrad); KOCHERGIN, I.G.,
 professor (Moskva); LIMBERG, A.A., professor (Leningrad); LIMBERG,
 B.N., professor (Moskva); MEZHEV, S.A., dotsent (Leningrad);
 NAZAROV, V.M., professor (Leningrad); OZEROV, A.D., professor (Leningrad) [deceased]; OSTEN-SAKHN, N.Yu., professor (Leningrad) [deceased];
 PHTROV, N.N., professor (Leningrad); POLENOV, A.L., professor (Leningrad); SAMARIN, N.P., professor (Leningrad); SHVARTS, N.V., professor (Leningrad) [deceased]; SHAMOV, V.N., professor (Leningrad);
 SHARANOV, A., redaktor

[Manual of specialized surgery] Uchebnik chastnoi khirurgii. Sost.
 I.S.Babchin i dr. 1zd. 2-oe, ispr. i dop. Moskva, Markovskiy SSSR,
 Gos. izd-vo med. lit-ry "Medgiz," Vol.1. 1946. 363 p. (MIPA 10:2)
 (SURGERY)

KOCHERGIN, I.G.;GAPIN, N.D.
~~Postoperative suppurations and their control.~~

Postoperative suppurations and their control. Khirurgiia, Moskva
no. 8:19-25 Aug. 1952. (OJNL 23:3)

1. Professor for Kochergin; Candidate Medical Sciences for Gapin.
2. Of the Faculty Surgical Clinic imeni Academician S. I. Spasokukotskiy (Director — Prof. A. N. Bakulev), Second Moscow Medical Institute imeni I. V. Stalin.

KOCHERGIN, I. O.

"Results of the First International Congress of Physicians."
Vest. AMN SSSR no. 2:24-36 '53.

(JIPA 7:1)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(Medicine—Congresses)

KOCHEROIN, I.O.

Science and organization of disease prevention and the most important problems in regard to scientific research for 1954-1955. Vest.AKH SSSR no.1:75-87 '54. (MLRA 716)

1. Predsedatel' Uchenogo soveta Ministerstva zdoravookhraneniya SSSR.
2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR.
(Medicine) (Public health)

KOCHERGIN, I.G.; BAKULEV, A.N.

Plan of basic measures for utilising scientific achievements of 1953 in medical practice and experimentation. Vest. ANU SSSR no.3: 3-12 '54. (MLRA 7:11)

1. Zamestitel' ministra zdorookhraneniya SSSR, chlen-korrespondent ANU SSSR (for Kochergin); 2. President Akademii meditsinskikh nauk SSSR, deystvitel'nyy chlen ANU SSSR (for Bakulev)
(MEDICINE,
in Russia, progr.)

KOCHEROIN, I. G. Dep. Min. Pub. Health USSR

"The Scientific Basis of Soviet Public Health Protection," Medits. Rabot.,
17, No.78, p. 2, 28 Sep 54.

Kochergin, I. G.

USSR/Scientists - Surgery

Card 1/1 Pub. 77 - 14/20

Authors : Kochergin, I. G.

Title : Nikolay Vasil'evich Sklifosovskyy

Periodical : Nauka i zhizn' 21/12, 34-36, Dec 1954

Abstract : The article is a biographical sketch commemorating the fiftieth year since the death of Nikolay Vasil'evich Sklifosovskyy (1886-1904), who was noted for his contribution to research in the field of surgery, particularly in the branch dealing with suppuration caused by wounds and the avoidance of gangrene and other complications. A description is given of the first-aid hospital in Moscow, which bears his name. Illustrations.

Institution : ...

Submitted : ...

KOCHERGIN, I.G.

KOCHERGIN, I.G., professor

Achievements of Soviet medicine. Sov. med. 19 no.1:3-6 Jan '55.

(MIRA 8:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR. 2.
Predsedatel' Uchenogo Soveta Ministerstva zdravookhraneniya SSSR.
(MEDICINE,
in Russia)

KOVRIGINA, M.; MESCHYANOV, A.; MAKULOV, I.; KOCHEROIN, I.; OPARIN, A.;
ANICHKOV, E.; NESTEROV, A.; KROTKOV, Y.; CHERNOGOVSKIY, V.; TIMAKOV, V.;
SEVERIN, S.; MUDNYY, G.; SERGIYEV, P.; DOVYDOVSKIY, I.; ORKHONOVICH, V.;
TALYGIN, F.; STRUKOV, A.; MIGUNOV, B.; SKVORTSOV, N.

A.I. Abrikosov; obituary. Vest. AN SSSR 25 no.5:65-66 My '55.
(Abrikosov, Aleksel Ivanovich, 1875-1955) (MLA 8:7)

KOCHNEV, I.O., professor (Moskva)

Results and certain types of failure in antibiotic therapy. Klin.
med., 33 no.11:3-7 N '55. (MLA 9:7)
(ANTIBIOTICS, therapeutic use,
results & failures)

KOCHERGIN, I. G.

BAKULEV, A.M., glavnyy redaktor; ANICHKOV, N.N., redaktor; BOLDYREV, T.Ye., redaktor; BRUSILOVSKIY, L.Ya., redaktor; BYKOV, K.M., redaktor; VASILENKO, V.Kh., redaktor; VINOGRADOV, N.A., redaktor; GRASHCHENKOV, N.I., redaktor; DAVYDOVSKIY, I.V., redaktor; ZHDRODOVSKIY, P.F., redaktor; KAVYTSKIY, R.Ye., redaktor; KOCHERGIN, I.G., redaktor; KROTKOV, F.G., redaktor; KUPRIYANOV, P.A., redaktor; LEBEDINSKIY, A.Y., redaktor; MALINOVSKIY, M.S., redaktor; MAN'KOVSKIY, B.N., redaktor; NESTEROV, A.I., redaktor; OREHLI, L.A., redaktor; PAVLOVSKIY, Ye.N., redaktor; KEVERIN, S.Ye., redaktor; SKRYABIN, K.I., redaktor; SMIRNOV, Ye.I., redaktor; TIMAKOV, V.D., redaktor; TUR, A.F., redaktor; SHARANOV, A.N., redaktor

[Great Medical Encyclopedia] Bol'shaya meditsinskaya entsiklopediya. Glav.red. A.M.Bakulev. Oshlony red.kollegii N.N.Anichkov i dr. Izd. 2-oe. Moskva, Gos. izd-vo med. lit-ry. Vol. 1. A - Angiofibroma. 1956. 1216 columns. --- [Phonograph record and three-dimensional color spectacles] Grammofoonnaia plastinka i ochki-svetofil'try. (MEDICINE--DICTIONARIES)

KOCHERGIA, I.G., professor, otvetstvennyy redaktor; LEVIT, V.S., professor, sasluzhennyy deyatel' nauki, redaktor; PETROVSKIY, B.Y., professor, redaktor; PRIOROV, N.N., professor, redaktor; RUFANOV, I.G., professor, redaktor; STROUCHKOV, V.I., professor, redaktor; GORNLIK, S.L., dotsent, redaktor; SEMCHILO, N.K., tekhnicheskiy redaktor

[Proceedings of the 26th All-Union Congress of Surgeons, held at Moscow January 20-29, 1955] Trudy XVI Vsesoiuznogo s'ezda khirurgov. 20-29 ianvaria 1955 g. Moskva, Oos. izd-vo med. lit-ry, 1956. 703 p. (MIRA 9:9)

1. Vsesoyuznyy s'ezd khirurgov. 26th, Moscow, 1955. 2. Chlen-korrespondent AMN SSSR (for Kochergia, Petrovskiy, Priorov) 3. Deystvitel'nyy chlen AMN SSSR (for Rufanov)
(MOSCOW--SURGERY--CONGRESSES)

KOCHENGIN, I. G.

"Successes and Some Failures of the Application of Antibiotics," a report presented at the First All-Union Conference Devoted to the Clinical-Experimental Study of Antibiotics, Moscow, 25-27 April 1955, Antibiotiki, No.1, 1956

KOCHERGIN, I.O., professor.; RUFANOV, I.O., professor.

Traumatic shock in the works of Soviet scientists. Khirurgiia 32
no.1:31-37 J '56 (MLA 9:6)

1. Chlen-korrespondent AMN SSSR (for Kochergin) 2. Deystvitel'nyy
chlen AMN SSSR (for Rufanov)

(SHOCK

traum., in Russian literature)

(WOUNDS AND INJURIES

traum. shock, in Russian literature)

BAKULEV, A.N., glavnyy red.; ANICHKOV, N.N., red.; BOLDYREV, T.Ye., red.;
BRUSILOVSKIY, L.Ya., red.; BYKOV, K.M., red.; VASILENKO, V.Kh.,
red.; VINCORADOV, N.A., red.; GRASHCHENKOV, N.I., red.; DAVYDOVSKIY,
I.V., red.; ZDRODOVSKIY, P.F., red.; KAVETSKIY, R.Ye., red.;
KOCHERGIN, I.G., red.; KROTKOV, F.G., red.; KUPRIANOV, P.A., red.;
LEBEDINSKIY, A.V., red.; MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N.,
red.; NESTEROV, A.I., red.; ONNELI, L.A., red.; PAVLOVSKIY, Ye.N.,
red.; SEVERIN, S.Ye., red.; SERYABIN, K.I., red.; SMIRNOV, Ye.I.,
red.; TIMAKOV, V.D., red.; TUR, A.F., red.; SHABANOV, A.N., red.

[The Great Medical Encyclopedia] Bol'shaia meditsinskaya
entsiklopediya. Glav.red. A.N.Bakulev. Chleny red.kolleгии
N.N.Anichkov i dr. Moskva, Gos.isd-vo med.lit-ry. Vol.3.
B - Bogolepova. Isd.2-oe. 1957. 1176 columns. (MIRA 11:1)
(MEDICINE--DICTIONARIES)

KOCHERGIN, I. G. (Corresponding Member, Acad. Medical Sci. USSR)

"Essential Questions on the Use of Antibiotics," ~~XXXXXXXXXX~~ p5

Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics,
31 May - 9 June 1957, pp. 405, Moscow, Medgiz, 1957.

KOCHERGIN, I.G.

BAKULOV, A.N., akad., glavnyy red.; ANICHKOV, M.N., red.; BOLDYREV, T. Ye., red.;
BRUSILOVSKIY, L.Ya., prof., red.; BYKOV, K.M., red.; VASILENKO,
V.Kh., red.; GRASHCHENKOV, M.I., prof., red.; DAVYDOVSKIY, I.V., red.;
ZHDRODOVSKIY, P.F., red.; KAYVITSKIY, R.Ye., red.; KOCHERGIN, I.G., red.;
KROTKOV, P.G., red.; KUPRIYANOV, P.A., red.; KLEBANDINSKIY, A.V., red.;
MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N., red.; NESTEROV, A.I., red.;
ORBELI, L.A., red.; PAVLOVSKIY, Ye.N., red.; SEVERIN, S.E., red.;
SKRYABIN, K.I., red.; SMIRNOV, Ye.I., red.; TIMAKOV, V.D., prof., red.;
TUR, A.F., red.; SHABANOV, A.N., prof., red.

[Great Medical Encyclopedia] Bol'shaya meditsinskaya entsiklopediya.
Izd. 2. Moskva, Gos. nauchnoe izd-vo "Bol'shaya sovetskaya
entsiklopediya." Vol. 7. [Gynatresia -burning. 1958. 1120 columns]
Ginatresia-gorenie. [Phonograph record to accompany the article
"Golos"(voice of laryngectomees)] Oremofonnaya plastinka k stat'e
"Golos"(golos laringektomirovannykh bol'nykh), [Three-dimensional
viewer] Ochkhi-svetofil'try. (MIRA 11:12)
(MEDICINE--DICTIONARIES)

BAKULEV, A.N., glav. red.; ANICHKOV, M.M., red.; BOLDYREV, T.Ye., red.;
BRUSILOVSKIY, L.Ya., red.; BYKOV, K.M., red.; VASILENKO, V.Kh., red.;
VINOGRADOV, N.A., red.; GRASHCHENKOV, M.I., red.; DAVYDOVSKIY, I.V.,
red.; ZHDRODOVSKIY, P.F., red.; KAVETSKIY, P.Ye., red.; KOCHERGIN,
I.G., red.; KROTKOV, P.O., red.; KUPRIYANOV, P.A., red.; LEBEDINSKIY,
A.V., red.; MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N., red.;
NESTEROV, A.I., red.; ORBELI, L.A., red.; PAVLOVSKIY, Ye.N., red.;
SEVERIN, S.Ye., red.; SKRYABIN, K.I., red.; SMIRNOV, Ye.I., red.;
TIMAKOV, V.D., red.; TOR, A.F., red.; SHABANOV, A.N., red.;
KALINICHEN, V.A., tekhn. red.

[Great medical encyclopaedia] Bol'shaya meditsinskaya entsiklopediya.
___[Phonograph record to accompany the article on "Congenital heart
disease"] Grammofoonnaya plastinka soderzhit zapis' zvukovykh izvle-
zhi k stat'ye "Vrozhdennoye porok serdtsa." Glav. red. A.N.Bakulev.
Chleny red. kollegii M.M. Anichkov i dr. Izd.2. Moskva, Gos. izd-vo
med. lit-ry. Vol.5. Vesikula - Vulkanizatsiya. 1958. 1248 columns.
(MEDICINE--DICTIONARIES) (MIRA 11:7)

KOCHERLIN, I.O., prof.; U IN-FAY [Wu Ying-kai]

Development of thoracic surgery in the Chinese People's Republic. Khirurgia
34 no.12:3-19 D '58. (MIRA 12:1)

(SURGERY

in China (Rus))

(LUNGS, surgery,

in China (Rus))

(CARDIOVASCULAR SYSTEM, surgery,
same)

TSZIN' SIN'-CHZHUN [Chin Hsin-chung]; KOCHEROIN, Ivan Georgiyevich;
YELKIN, I.I., red.; SENECHILO, A.K., tekhn.red.

[Public health and medicine in the Chinese People's Republic]
Zdravookhranenie i meditsina v Kitaiskoi Narodnoi Respublike.
Moskva, Gos.isd-vo med.lit-ry, 1959. 265 p. (MIRA 13:2)
(CHINA—MEDICINE)

CHU, LIEN; KOCHERGIN, Ivan Georgiyevich, red.

[Manual on contemporary chen-chiu therapy; needle puncture and
cauterisation] Rukovodstvo po sovremennoi chshen'-tsziinterapii;
iglookalyvaniia i prishiganiia. Moskva, Medgis, 1959. 269 p.
Translated from the Chinese. (MIRA 13:8)

(ACUPUNCTURE)

(CAUTERY)

PIROGOV, Nikolay Ivanovich [deceased]; AVISOV, P.B.; BISHENKOV, M.P.;
 DYSKIN, Ye.A.; MIKHAYLOV, S.S.; DANILOV, I.V., prof., retsensent;
 KUPANOV, I.O., prof., retsensent; MAKSHINOV, A.M., prof., red.
 toms; KUPANOV, I.O., otv.red.; BAKULOV, A.M., sam.otv.red.;
 VISHNEVSKIY, A.A., red.; GUSKLEVICH, A.M., red.; DAVYDOVSKIY,
 I.V., red.; KORNYEV, V.M., red.; KOCHEROIN, I.O., red.; KROTKOV,
 P.O., red.; PETROV, B.D., sam.otv.red.; SHOKKA, S.A., red.;
 MIKHAYLOV, S.S., red.; RULOVA, M.S., tekhn.red.

[Collected works in eight volumes] Sobranie sochinenii v vos'mi
 tomakh. Moskva, Gos.isd-vo med,lit-ry, Vcl.). [Articles on
 experimental, operative, and military field surgery, 1847-1854]
 Trudy po eksperimental'noi, operativnoi, i voenno-polevoi
 khirurgii, 1847-1954. 1959. 533 p. (MIRA 14;1)
 (SURGERY)

PIROGOV, Nikolay Ivanovich [deceased]; GESHELNICH, A.M., prof.; RUFANOV, I.G., prof., otv.red., red.toma; BAKULEV, A.M., red.; VISHNEVSKIY, A.A., red.; DAVIDOVSKIY, I.V., red.; KORNEYEV, V.M., red.; KO-
CHERGIN, I.G., red.; KROTKOV, P.G., red.; MAKSIMENKOV, A.M., red.;
PETROV, B.D., red.; SHCHUKA, S.A., dotsent, red., retsentsent toma;
FAYERMAN, I.L., saslushennyi deyatel' nauki, retsentsent toma;
LUBOTSKIY, D.M., red.; MEL'CHIKOVA, Yu.S., tekhn.red.

[Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos.isd-vo med.lit-ry. Vol.2. [Works on clinical surgery, 1837-1839] Trudy po klinicheskoi khirurgii, 1837-1839. 1959. 621 p. (MIRA 13:5)

1. Deyatvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Rufanov). (SURGERY)

KOCHEROIN, I.O.

A decade of Chinese public health service. Zdrav.Ros.Feder.
3 no.9:35-40 8 '59. (MIRA 12:11)

1. Chlen-korrespondent AMN SSSR,
(CHINA--PUBLIC HEALTH)

KOCHEROIN, I.G., prof. (Moskva)

Public health and medicine in the new China. Sov.med. 23 no.1:
8-17 Ja '59. (MIRA 12:2)

1. Chlen-korrespondent AMN SSSR.
(PUBLIC HEALTH
in China (Rus))
(MEDICINE
same)

KOCHEROIN, I.G.

Chinese medicine. Nauka i shizn' 26 no.9:7-8 8 '59.

(MIRA 13:1)

1. Chlen-korrespondent ANU SSSR, samostitel' ministra zdoravookhraneniya SSSR.

(MEDICINE, CHINESE)

KOCHEROIN, I.O., prof. (Moskva)

Successes in public health and medical science in the new China;
on the 10th anniversary of the Chinese People's Republic. Klin.
med. 37 no.10:3-10 0 '59. (MIRA 13:2)

1. Chlen-korrespondent AMN SSSR.
(PUBLIC HEALTH)
(MEDICINE)

KOCHERGIN, Ivan Georgiyevich; SHUSTOVA, I.B., red.; ATROSHCHENKO,
L.Ye., tekhn. red.

[Soviet public health today] Sovetskoe zdavookhraneniye segodnia.
Moskva, Izd-vo "Znaniye," 1961. 38 p. (Narodnyi universitet
kul'tury. Estestvennonauchnyi fakul'tet, no.29) (MIRA 15:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for
Kochergin).

(PUBLIC HEALTH)

KOCHERGIN, I.O., prof., red.; OORYANINA, N.K., red.; ZUYEVA, N.K., tekhn.
red.;

[Reference book for the district physician] Spravochnik uchastkovogo
vracha. Pod red. I.O.Kochergina. Moskva, Medgiz, 1961. 928 p.

(MIRA 14:12)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Kochergin).
(MEDICINE—HANDBOOKS, MANUALS, ETC.)

KOCHERGIN, I.O., prof.

Problems in public health in the program of the CPSU. Klin.
med. no.10:3-9 '61. (MIRA 14:10)

1. Zamestital' ministra zdoravookhraneniya SSSR.
(PUBLIC HEALTH)

KOCHERGIN, I.G., prof.; KASSIL', G.N., prof.

Acupuncture. Zdorov'e 7 no.3:14-15 Mr '61.

(MIRA 14:3)

1. Chlen-korrespondent AMN SSSR (for Kochergin).
(ACUPUNCTURE)

KOCHERGIN, I.O.; ZAYTSEV, G.P.; COLOVANOV, V.D.

Results of the Twenty-Seventh All-Union Congress of Surgeons.
Vest. AMN SSSR 16 no.1:80-85 '61. (MIRA 14:3)
(SURGERY—CONGRESSSES)

KOCHERGIN, I.O.

Some objectives in public health and clinical medicine in the
current period. Klin.med. 39 no.3:3-10 Nr '61. (MIRA 14:3)

1. Chlen-korrespondent AMN 8838.
(PUBLIC HEALTH)

KOCHERGIN, I.G.; SHISHOVA, A.M.

(Moskva)

/ Improve the selection and training of scientific personnel.
Sov. zdav. Zl no.9: 4-6 '62 (MIRA 1744)

KOCHERGIN, I.G., prof. (Moskva)

Pressing problems of the higher medical education in the U.S.S.R.
Terap. arkh. 34 no.10:3-10 0'62 (MIRA 1714)

1. Chlen-korrespondent AMN SSSR.

KOCHERGIN, I.G., prof., red.; OSTROVSKAYA, L.S., red.; BEL'CHIKOVA,
Yu.S., tekhn. red.

[A physician's calendar for 1963] Kalendar' vracha na 1963 god.
Moskva, Medgiz, 1963. 447 p. (MIRA 16:4)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for
Kochergin). (MIRA 16:4)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

~~KOCHERGIN, I.G.~~, prof., red.; VUL'FSON, I.Z., red.; ROM'ANOVA, Z.A.,
tekhn. red.

[Physician's calendar for 1964] Kalendar' vracha na 1964
god. Pod obshchei red. I.G.Kochergina. Moskva, Medgiz,
1963. 550 p. (MIRA 17:1)
1. Chlen-korrespondent A'N SSSR (for Kochergin).

KOCHERGIN, Ivan Georgiyevich; NIKOLAYEV, V.R., red.

[Present-day problems of medicine] Sovremennye problemy
meditsiny. Moskva, Znanie, 1964. 30 p. (Novoe v zhizni,
nauke, tekhnike. VIII Seriya: Biologiya i meditsina, no.23)
(MIRA 17:11)

1. Chlen-korrespondent AMN SSSR (for Kochergin).

1. KOCHENGIN, I.I.
2. USSR (600)
4. Brucellosis In Cattle
7. Diagnosis of brucellosis in cows with the aid of the ring test of milk,
Trudy Vses.inst. eksp.vet. 19, No.1, 1952

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

1. KOCHERGIN, I.I.
2. USSR (600)
4. Farm Buildings - Disinfection
7. Disinfecting stock barns on state and collective farms with the DUK automatic disinfection apparatus, Dost.sel'khoz. no. 4, 1953.

9. Monthly List of Russian Acquisitions, Library of Congress, APRIL 1953, Uncl.

USNR/Medicine, Veterinary - Brucellosis Feb 53

"Ring Test of Milk in the Diagnosis for Brucellosis," Veterinary Officer I. I. Kochergin, Kolomoia Interzonal Veter-Bacterial Lab

"Veterinary" Vol 30, No 2, pp 24-27

The ring test with whole milk is a specific method for diagnosing brucellosis. A higher number of brucellar animals is discovered by this test than by either the agglutination reaction or the complement fixation reaction. The ring test is not a substitute for either the agglutination reaction

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or for complement fixation reaction: it is valuable in combination with them when a quick preliminary diagnosis is desired. Experiments on a large scale must be conducted in order to determine the influence of fat content in milk and timing of the resultant reaction.

2447118

**KOCHERGIN, I.I., veterinarnyy vrach; KUCHKALOV, M.A., veterinarnyy vrach;
KARPUKHOVA, E.I., veterinarnyy vrach.**

**Report on the work of the disinfection crew. Veterinariia 30 no.5:
49-51 My '53. (MLBA 6:5)**

**1. Kolomenskaya meshrayonnaya vetbaklaboratoriya Moskovskoy
oblasti.**

KOCHERGIN, I. I.

USSR/Medicine - Veterinary

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Card 1/1 ; Pub 137-13/22

Author : Kochergin, I. I.

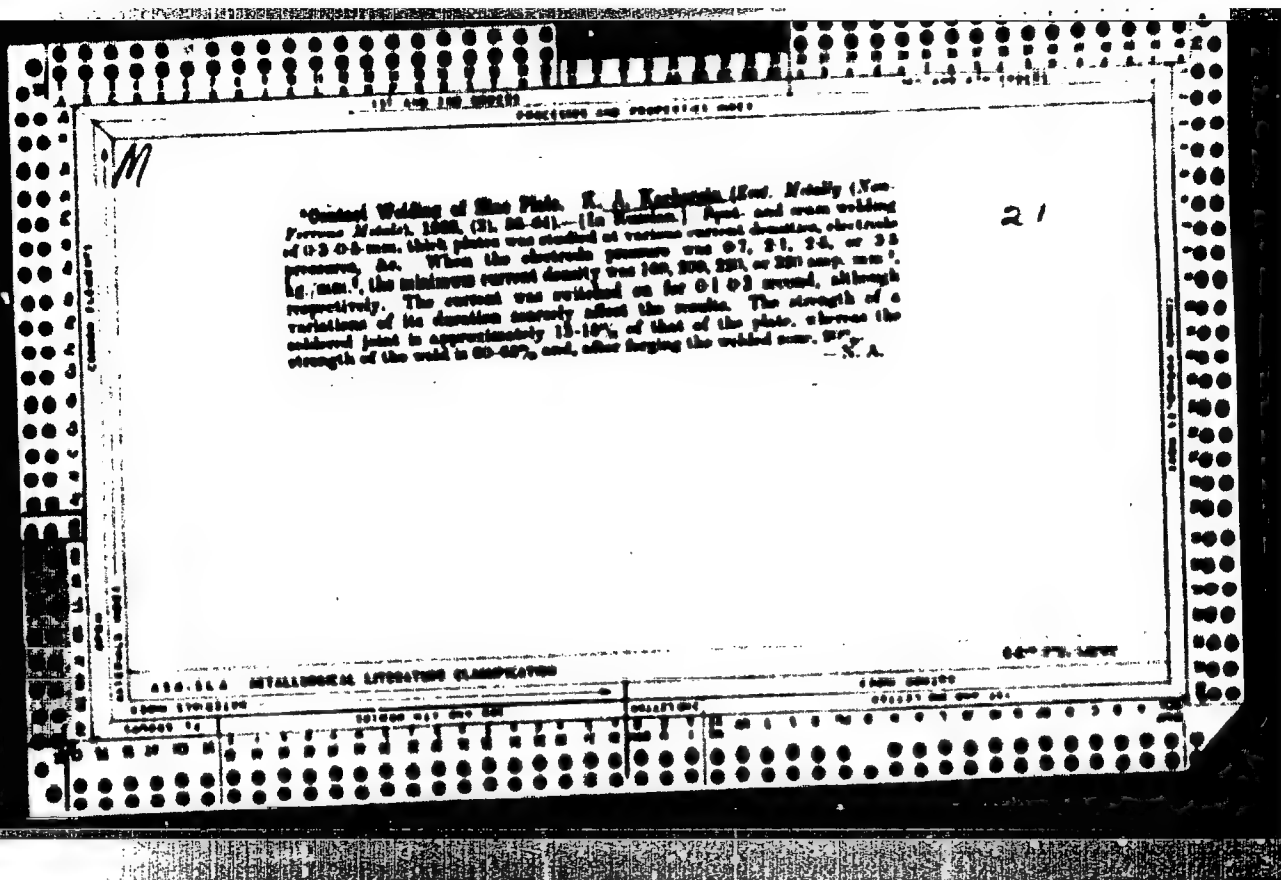
Title : Sensitivity of pathogenic microorganisms to penicillin

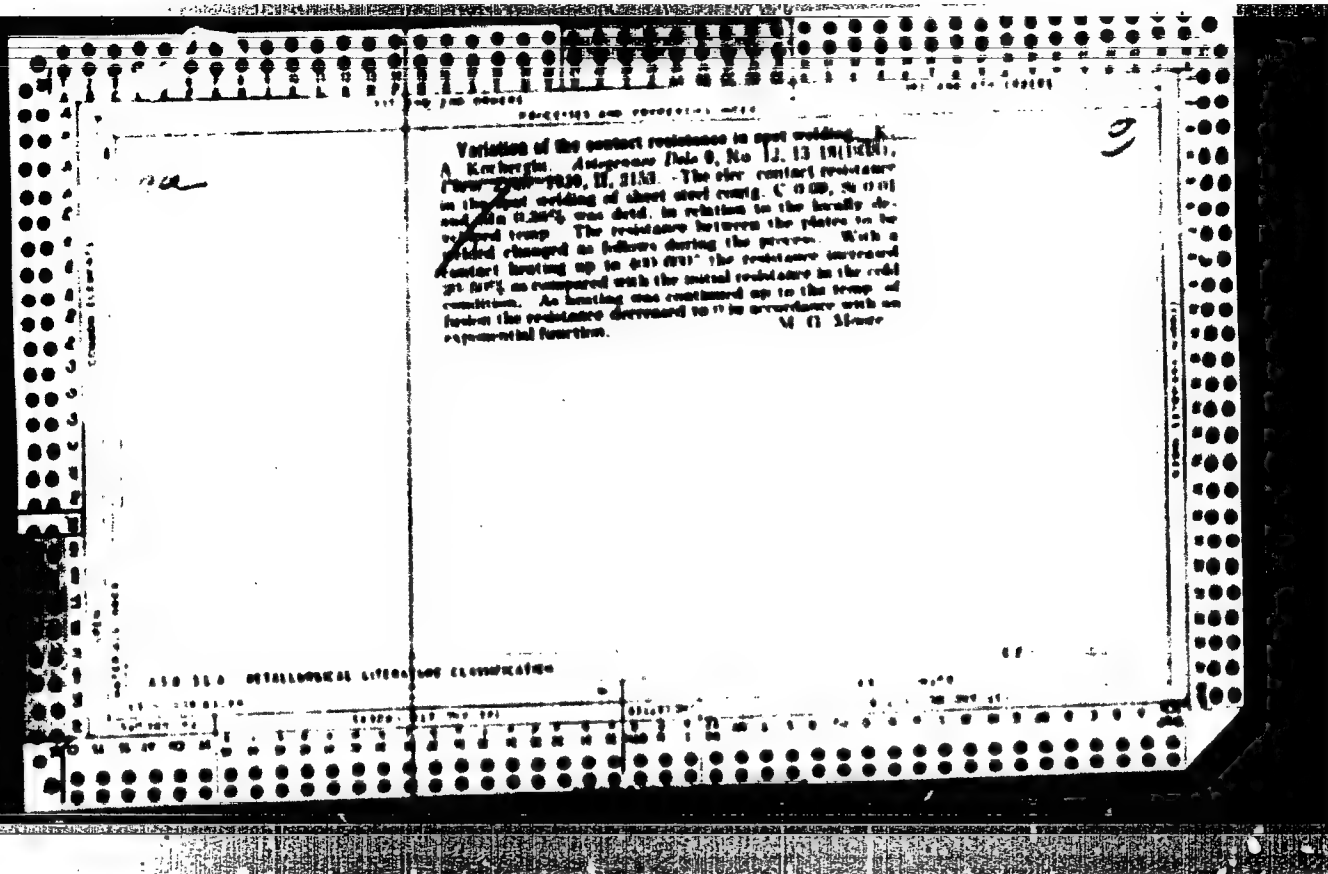
Periodical : Veterinariya³¹, 9, 43-44, Sep 1954

Abstract : Diseases of agricultural animals, caused by highly sensitive microorganisms, can be cured rapidly enough by means of parenteral administration of penicillin. Strains of different species of microorganisms are not sensitive to penicillin in an identical manner; different strains even of the same species of microorganisms are also not sensitive to penicillin in an equal manner. Bacteriological examination of 17 strains of *B. rhusiopathiae* sui revealed that growth of microorganisms can be checked by presence of the following doses of penicillin in the culture media: 0.031 units of 5.8%, 0.015 units of 5.8%, 0.007 units of 23%, and 0.0035 units of 11.8%. Similar fluctuations in sensitivity to penicillin were noted also in cultures of other strains and other species of microorganisms. Tables.

Institution : Kolomenskaya Interrayon Veterinary Bacteriological Laboratory, Moskovskaya Oblast

Submitted :





ASM

800-11. (Book) Voprosy Teorii Kon-
takta Svarki. (Problems in the The-
ory of Contact Welding.) K. A. Koch-
egyn. 198 pages. 1988. Governmental
Scientific-Technical Publishing House
for Machine-Industry Literature, Mos-
cow and Leningrad. U.S.S.R.
The book electrothermal problems
of the most frequently used pro-
cesses of contact welding of steel.
Methods for determination of op-
timum conditions of operation for
each method. 22 ref. (K1. 87)

КОЧЕРЖИН, К. А.

Vybor tekhnologii kontaktnoe svarki [Selecting the technology of contact welding].
Leningrad, Sudpromgiz, 1952. 110 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 5, August 1953

KOCHERGIN, K. A.

Voprosy Teorii Kontaktnoy Svarki. Moscow, 1950. 102 p. A reference manual for engineers and technical workers interested in contact welding. Used also as a reference by students of senior courses of higher technical institutes specializing in questions and the most used processes of contact electric welding and contains recommendations for technological calculation methods in connection with welding; published by the State Scientific. Kol'hoz with great agricultural achievements Moskva, Gos. izd-vo sel'khoz lit-ry, 1953. 215p. (Kolkhozy nashoi strany)

KOCHERGIN, K. A.

7631. KOCHERGIN, K. A. — Osnovy kontaktnoy svarki. M. - L., Mashgiz, (Leningr. otd.-niye), 1955. 120 s. s ill. 22 sm. 8,000 eks. 2 k. 40 k. -- (55-4193)

621.791.76

SO: Knishnaya Letopis', Vol. 7, 1955

YEVSEYEV, Roman Yevgen'yevich; KOCHERGIN, K.A., kandidat tekhnicheskikh nauk, dotsent, redaktor; KAPLAN, M.YA., redaktor; PUL'KINA, Ye.A. tekhnicheskii redaktor

[Welding in electric installation work] Svarka v elektromontazhnom proizvodstve. Leningrad, Gos.izd-vo lit-ry po stroit. i arkhitektura, 1955. 269 p. (MLRA 8:1C)
(Welding) (Electric engineering)

DREYZENSHTEIN, Z.B.; PAS', A.I.; RUSSO, V.L.; MART'YANOV, O.I., inzhener,
retsensent; KOCHEROV, K.A., kandidat tekhnicheskikh nauk, redaktor;
POL'SKAYA, A.G., tekhnicheskii redaktor

[Electric welder] Elektrosvarshchik. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1956. 102 p. (MLSA 10;3)
(Electric welding)

GUSHEL'SHCHIKOV, M.K., professor; KOCHEROV, K.A., retsuzent; NAVROTSKIY, D.I., redaktor; SANDLER, N.V., redaktor; Tshetel'stva; PRYERSON, M.N., tekhnicheskii redaktor

[Electric and gas welding in shipbuilding and ship repairing]
Elektricheskaya i gasovaya svarka v sudostroenii i sudoremonte.
Isd. 3-e, dop. i perer. Leningrad, Isd-vo "Morakoi transport,"
1956. 422 p. (MLA 9:8)
(Electric welding) (Gas welding and cutting)
(Shipbuilding)

PHASE I BOOK EXPLOITATION 1186

Kochergin, Konstantin Alekseyevich

Usovershenstvovaniye tekhnologii svarochnogo proizvodstva (Improving Welding Technique) [Leningrad] Lenizdat, 1957. 92 p.
(Series: Opyt novatorov leningradskoy promyshlennosti) 5,000 copies printed.

Ed.: Borshchevskaya, S.I.; Tech. Ed.: Levonevskaya, L.G.

PURPOSE: The brochure is intended for engineers and skilled welders. Its purpose is to acquaint readers with the latest advances and achievements in the welding field.

COVERAGE: The author presents in a systematic way the latest achievements of innovators in the field of arc and resistance welding. In order to widen the technical background of welders and to acquaint them with the basic factors determining the economic effectiveness of welding operations, the booklet discusses the basic postulates of welding economy. Welders A.A. Sidorov, A.A. Makarov, A.G. Shcheglova and Engineer I.V. Yashin are singled out for their contributions to welding technology. There are 4 Soviet references.

Card 1/2

Improving Welding Technique

"APPROVED FOR RELEASE: 09/18/2001

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ASKINAZI, Boris Moiseyevich, kand. tekhn. nauk; LEVITSKIY, I.S., kand. tekhn. nauk, retsentsent; MISHIN, I.A., kand. tekhn. nauk, retsentsent; KOCHERGIN, K.A., kand. tekhn. nauk, red.; KUREPINA, G.W., red. isd-vn; PETERSON, M.M., tekhn. red.

[Finishing of metal surfaces by heating] Chistovaya obrabotka po-verkhnostei metallov s podogrevom. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1961. 94 p. (MIRA 14:12)
(Metals—Finishing) (Surfaces (Technology))

KOCHERGIN, Konstantin Alekseyevich; BORSHCHEVSKAYA, S.I., red.; TIKHONOVA,
I.M., tekhn. red.

[Pulsation resistance welding] Impul'snaya kontaktная svarka. Leningrad, Lenizdat, 1961. 126 p.
(Electric welding) (MIRA 14:10)

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S/563/61/000/216/007/007
D215/D304

1.420

AUTHOR: Kochergin, K.A.

TITLE: Polar phenomena in welding processes

SOURCE: Leningrad. Politekhnikheskiy institut. Trudy, no. 216,
Moscow, 1961. Svarochnoye proizvodstvo, 154 - 159

TEXT: The author gives an account of possible thermoelectric effects in welding processes. In resistance welding on d.c. or a.c. the Peltier effect will augment or oppose the Joule effect. The boundaries of liquid and solid metal will be additional zones of Peltier heat emission. The general heat balance ceases to conform to the Joule principle if the planes of contact receive deliberate conditioning or if different metals are welded e.g. Ni to steel. An Al sheet in contact with a plane Cu electrode generates only a small Peltier effect but if the Cu is plated with Ni or Cr the effect is increased 15 times. This also occurs with couples between Be or Cd and Cu or Al. To produce the effect in useful proportions at the interface between two steel sheets being spot welded one is

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plated with a thin Ni layer which is then oxidized to a depth of several \AA . The resultant Peltier effect can reduce welding current requirements from 10,000 to 7,700 A. Ti on duralumin serves similarly. Islands of Al cladding are sometimes observed in a.c. spot welds of clad Al alloys; this is due to selective motion of metal ions in the molten nugget under the influence of the electric and magnetic fields set up, and results from the difference in electrical resistance of the alloy and cladding. Al^{++} ions deposit on the unfused Al islands and impede their complete solution. It is considered that a considerable part in the cold welding process is played by semi-conductive oxide films on the metal surfaces and the thermoelectric emf's set up between them and the metal under heterogeneous deformation. There are 5 figures, 3 tables and 5 Soviet-bloc references.

ASSOCIATION: Leningradskiy politekhnikheskiy institut (Leningrad Polytechnic Institute)

Card 2/2

GLUKHANOV, Nikolay Parmenovich; BOGDANOV, Valentin Nikolayevich;
ALEKSEYEV, A.A., prof., retsenzent; KOCHERGIN, K.A., kand.
tekhn. nauk, red.; ONISHCHENKO, R.N., red. izd-va; SIMONOVSKIY,
N.Z., red. izd-va; PETERSON, M.M., tekhn. red.

[Welding metals with high-frequency heating] Svarka metallov
pri vysokochastotnom nagreve. Moskva, Mashgis, 1962. 189 p.
(MIRA 15:11)

(Metals--Welding) (Induction heating)

CHOKHOL'SKIY, Nikolay Fedorovich; KOCHERGIN, K.A., kand. tekhn.
nauk, retsentsent; TSYRIN, A.A., kand. tekhn. nauk, red.;
CHPAS, M.A., red.isd-va; DENINA, I.A., red.isd-va;
SHCHETININA, L.V., tekhn. red.

[Reconditioning parts of machines and mechanisms by welding
and building up] Vosstanovlenie detalei mashin i mekhanizmov
svarkoi i naplavoiki. Moskva, Mashgis, 1962. 274 p.

(MIRA 16:4)

(Machinery--Maintenance and repair)
(Electric welding)

AKSEL'ROD, F.A., inzh.; ZAYTSEV, M.P., kand. tekhn. nauk; ZLOBIN, G.I., inzh.; KOCHERGIN, K.A., kand. tekhn. nauk; NEKRASOV, B.M., inzh.; SLIOZBERG, S.K., nauchnyy red.; DONSEKY, A.V., nauchnyy red.; DEMYANTSEVICH, V.P., nauchnyy red.; SARAFANOV, S.G., nauchnyy red.; BONDAROVSKAYA, G.V., red.; DORODNOVA, L.A., tekhn. red.; PERSON, H.N., tekhn. red.

[Resistance welding] Kontaktnaya svarka. [By] F.A. Aksel'rod i
dr. Moskva, Proftekhizdat, 1962. 463 p. (MIRA 15:12)
(Electric welding)

KOCHERGIN, K.A.

Contact phenomena in cold pressure welding. Trudy LPI no.229:
111-120 '63. (MIRA 17:9)

KOCHERGIN, Konstantin Alekseyevich; KONSTANTINOV, B.P., akademik,
red.; BORSHCHEVSKAYA, S.I., red.

[New welding processes] Novye protsessy svarki. Leningrad,
Lenisdat, 1964. 122 p. (MIRA 18:2)

KOCHERGIN, Konstantin Alekseyevich; KONSTANTINOV, B.P., akademik
red.; BORSHCHEVSKAYA, S.I., red.

[New welding processes] Novye protsessy svarki. Leningrad,
Lenizdat, 1964. 122 p. (MIRA 18:3)

KOCHERGIN, K.A.

Similarity criteria for pressure butt welding. T-4 LPI
no. 245,77-79 '65, (MIRA 18,8)

KOCHEROIN, L., insh.

Precast dismountable reinforced concrete bunker silo. Sil'.
stroj. no. 7:16 '62. (MIRA 15:8)
(Silos) (Precast concrete construction)

KOCHERGIN, M.I. [Kocherhin, M.I.], dotsent

Trends in the power engineering uses of Dnieper Basin brown
coals. Kompl. vyk. pal.-energ. res. Ukr. no.1:163-174 '59.
(MIRA 16:7)

1. Donetskiy industrial'nyy institut.
(Dnieper Basin--Lignite)

KAN, S.V.; OLEVSKIY, V.M.; RUCHINSKIY, V.R.; KOCHEROIN, N.A.; BESSMERZHAYA,
A.I.

Studying mass transfer and liquid distribution in a tower with
plane-parallel packing. Khim. prom. 41 no.10:770-773 O '65.
(MIRA 18:11)

KOCHERGIN, N.A.; KAGANSKIY, I.M.; SHUL'TS, E.Z.

Use of towers with perforated downcomerless plates for the removal of carbon dioxide from gases by means of the monoethanolamine solution. Khim.prom. no.11:866-869 '63. (MIRA 17:4)

1. Lisichanskiy filial Gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza.

KOCHEROIN, N.A., kand.tekhn.nauk; OLIVSKIY, V.M.; DIL'MAN, V.V., kand.
tekhn.nauk

Investigation of the operation of perforated-type plates under
conditions of rectification. Khim. prom. no. 7:591-595 O-M
'60. (MIRA 13:12)

(Plate towers)

KOCHERGIN, N. A., Cand. Tech. Sci. (diss) "Some Problems of Hy-
draulics and Mass-Exchange in Rectification on Plates of the
Dipping[?] Type," Moscow, 1961, 17 pp. (Moscow Inst. of Chem.
Machinebuilding) 200 copies (KL Supp 12-61, 263).